

**SINGER**  
281-21

Form 21235  
(462)  
Printed in U. S. A.

LIST OF PARTS COMPLETE

FOR

MACHINE NO. 281-21

THE SINGER MANUFACTURING COMPANY

List of Parts Complete

for

Machine No. 281-21

| No.         | Name  |
|-------------|---|
| *147350     | Arm   |
|             | Note: Due to the accuracy required for gear alignment,<br>Arm cannot be supplied separately and can only be<br>sent out as a unit, Arm and Bed assembled. |
| 8582        | 2 Arm Dowel Pin   |
| 50608(819)  | Arm Hole Plug Screw (top of arm) for plugging hole used<br>to assemble take-up oil wicks  |
| 140705(805) | Arm Screw (back)  |
| 146552      | 2 Arm Screw (front and intermediate)  |
| 140315(805) | 2 Arm Screw Stud (back)   |
| 149167      | Arm Shaft (horizontal) with 1036(830) and 140542(830)   |
| 147486      | Arm Shaft (horizontal) Bushing (center)   |
| 140296(830) | Arm Shaft (horizontal) Bushing (center) Set Screw   |
| 147112      | Arm Shaft (horizontal) Flanged Bushing (back)   |
| 146790      | Arm Shaft (horizontal) Flanged Bushing (back) Oil Sump<br>Tube  |
| 207(805)    | Arm Shaft (horizontal) Flanged Bushing (back) Oil Sump<br>Tube Holder Screw   |
| 140297(830) | Arm Shaft (horizontal) Flanged Bushing (back) Set Screw   |
| 147005      | Arm Shaft (horizontal) Flanged Bushing (front)  |
| 448(830)    | Arm Shaft (horizontal) Flanged Bushing (front) Set Screw  |
| 50555(805)  | 2 Arm Shaft (horizontal) Plug Screw   |
| 144(804)    | Arm Shaft (horizontal) Screw (back)   |
| 141138(805) | Arm Shaft (horizontal) Screw Plug (front)   |

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| No.         | Name  |
|-------------|---|
| 147109      | Arm Shaft (horizontal) Screw Plug Washer (fiber)  |
| 147468      | Arm Shaft (horizontal) Thrust Collar with two 457(830)  |
| 457(830) 2  | Arm Shaft (horizontal) Thrust Collar Set Screw  |
| 143013      | Arm Shaft (upright)   |
| 143014      | Arm Shaft (upright) Bevel Gear (lower) right hand spiral with two 1259(830)   |
|             | Note: To ensure proper functioning of Gears, No. 143014 will not be supplied separately to Agencies, but will be substituted by Pair of Gears No. 143295. |
| 1259(830) 2 | Arm Shaft (upright) Bevel Gear (lower) Set Screw  |
| 143015      | Arm Shaft (upright) Bevel Gear (upper) left hand spiral with two 1259(830)  |
|             | Note: To ensure proper functioning of Gears, No. 143015 will not be supplied separately to Agencies, but will be substituted by Pair of Gears No. 147476. |
| 1259(830) 2 | Arm Shaft (upright) Bevel Gear (upper) Set Screw  |
| 143016      | Arm Shaft (upright) Bushing (lower)   |
| 140410(830) | Arm Shaft (upright) Bushing (lower) Set Screw   |
| 147111      | Arm Shaft (upright) Bushing (upper)   |
| 50504(830)  | Arm Shaft (upright) Bushing (upper) Set Screw   |
| 147007      | Arm Side Shield   |
| 147008      | Arm Side Shield Wick  |
| 16709       | Arm Side Shield Wick Spring Holder  |
| 147010      | Arm Side Shield complete, Nos. 16709, 147007 and 147008   |
| 217(819) 2  | Arm Side Shield Screw   |
| 52239       | Arm Spool Pin and Thread Eyelet   |

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| No.             | Name   |
|-----------------|--|
| 8879            | Arm Spool Pin Washer (cloth)   |
|                 | Note: When ordering No. 8879, state color required.  |
| 147011          | Arm Top Cover for 147013   |
| 147012          | Arm Top Cover for 147014   |
| 147013          | Arm Top Cover with Stitch Regulator Plunger complete,<br>Nos. 64519, 146511, 147011 and 147105   |
|                 | Note: No. 147013 is regularly furnished with this Machine.   |
| 147014          | Arm Top Cover with Stitch Regulator Plunger complete,<br>when a longer spool pin (3 1/2 in. long) is required,<br>Nos. 64519, 143244, 146511, 147012 and 147015                          |
| 147015          | Arm Top Cover Gasket   |
| 51369(813)    4 | Arm Top Cover Screw  |
| 143244          | Arm Top Cover Spool with Spool Rest, 3 1/2 in. long  |
| 147105          | Arm Top Cover Stitch Regulator Plunger   |
| 140607(819)     | Arm Top Cover Stitch Regulator Plunger Hole Plug Screw,<br>for plugging the Plunger Hole when the Plunger is re-<br>moved, to prevent tampering with the stitch set<br>(for Agents only) |
| 64519           | Arm Top Cover Stitch Regulator Plunger Spring  |
| 146511          | Arm Top Cover Stitch Regulator Plunger Stop Ring   |
| *147353         | Bed  |
|                 | Note: Due to the accuracy required for gear alignment,<br>Bed cannot be supplied separately and can only be<br>sent out as a unit, Arm and Bed assembled.                                |
| 143024          | Bed Hole Plug  |
| 143268          | Bed Leg (back)   |
| 1518(809)    2  | Bed Leg (back) Nut   |

List of Parts for Machine No. 281-21

| No.         | Name   |
|-------------|--|
| 12431(819)  | Bed Slide  |
| 4307        | Bed Slide Spring   |
| 725(819)    | 2 Bed Slide Spring Screw   |
| 12432       | Bed Slide complete, Nos. 4307, 12431(819) and two 725(819)   |
| 147477      | Bell Crank   |
| 147478      | Bell Crank Bracket   |
| 158(813)    | 2 Bell Crank Bracket Screw   |
| 140941(803) | Bell Crank Hinge Screw   |
| 1650(809)   | Bell Crank Hinge Screw Nut   |
| 147479      | Bell Crank complete, Nos. 1650(809), 140941(803), 147477 and 147478  |
| 147469      | Combination of Feed and Stitch Regulator Parts, Nos. 143015, 143040, 143049, 143087, 143134, 147472 and 147473 (for Agents only) |
| 149112      | Face Plate with 149111   |
| 147019      | Face Plate Gasket  |
| 149111      | Face Plate Plug for plugging the Presser Bar Adjustment Hole   |
| 152(809)    | 3 Face Plate Screw (lower)   |
| 738(809)    | Face Plate Screw (upper)   |
| 147470      | Feed Bar   |
| 147471      | Feed Bar 147470 with 147290, 147355, 147356, 272110 and two 1423(803)  |
| 147355      | Feed Bar Carrier with two each 158(805) and 140788(805)  |
| 158(805)    | 2 Feed Bar Carrier Clamping Screw  |

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| No.           | Name   |
|---------------|--|
| 143031        | Feed Bar Carrier Oil Wick                                      |
| 147024        | Feed Bar Carrier Oil Wick Holder with 143031                   |
| 228(805) 2    | Feed Bar Carrier Oil Wick Holder Screw                         |
| 272110        | Feed Bar Connecting Link                                       |
| 1423(803) 2   | Feed Bar Connecting Link Cap Screw                             |
| 147288        | Feed Bar Connecting Link Oil Wick                              |
| 272111        | Feed Bar Connecting Link Oil Wick Clamp                        |
| 147035        | Feed Bar Connecting Link Oil Wick Holder                       |
| 147289        | Feed Bar Connecting Link Oil Wick Holder 147035 with<br>147288 |
| 50579(809)    | Feed Bar Connecting Link Oil Wick Holder Screw                 |
| 147356        | Feed Bar Hinge Pin (eccentric)                                 |
| 140788(805) 2 | Feed Bar Hinge Pin Clamping Screw                              |
| 149057        | Feed Dog, 21 teeth (22 teeth to the inch)                      |
| 50117(830) 2  | Feed Dog Screw   |
| 147472        | Feed Eccentric   |
| 1375(830)     | Feed Eccentric Body Position Screw                             |
| 1036(830) 2   | Feed Eccentric Body Set Screw                                  |
| 140256(830)   | Feed Eccentric Stop Screw (7 stitch)                           |
|               | Note: No. 140256(830) is regularly furnished with machine.     |
| 140568(830)   | Feed Eccentric Stop Screw (8 stitch)                           |
| 140257(830)   | Feed Eccentric Stop Screw (5 1/2 stitch)                       |
| 140258(830)   | Feed Eccentric Stop Screw (14 stitch)                          |

List of Parts for Machine No. 281-21

| No.         | Name  |
|-------------|---|
| 147473      | Feed Lifting Eccentric and Arm Shaft (horizontal) Bevel Gear, right hand spiral with 1259(830), 140333(830) and 143088                                    |
|             | Note: To ensure proper functioning of Gears, No. 147473 will not be supplied separately to Agencies, but will be substituted by Pair of Gears No. 147476. |
| 140333(830) | Feed Lifting Eccentric Position Screw   |
| 1259(830)   | Feed Lifting Eccentric Set Screw  |
| 147358      | Feed Lifting Rock Shaft Nos. 197(805), 140359(805), 143236, 147038, 147039, 147047 and two 147037   |
| 143052      | Feed Lifting Rock Shaft and Feed Rock Shaft Oil Wick Holder   |
| 197(805)    | Feed Lifting Rock Shaft and Feed Rock Shaft Oil Wick Holder Screw   |
| 147028      | 2 Feed Lifting Rock Shaft Bushing   |
| 447(830)    | 2 Feed Lifting Rock Shaft Bushing Set Screw   |
| 147029      | 2 Feed Lifting Rock Shaft Collar with two 460(830)  |
| 460(830)    | 4 Feed Lifting Rock Shaft Collar Set Screw  |
| 143040      | Feed Lifting Rock Shaft Connecting Rod  |
| 140230(803) | Feed Lifting Rock Shaft Connecting Rod Hinge Screw  |
| 1518(809)   | Feed Lifting Rock Shaft Connecting Rod Hinge Screw Nut  |
| 149074      | Feed Lifting Rock Shaft Crank (back) with 140228(830)   |
| 140228(830) | Feed Lifting Rock Shaft Crank (back) Clamping Screw   |
| 147290      | Feed Lifting Rock Shaft Crank (front) with 140915(830)  |
| 140915(830) | Feed Lifting Rock Shaft Crank (front) Clamping Screw  |
| 140359(805) | Feed Lifting Rock Shaft Oil Plug Screw  |
| 143236      | Feed Lifting Rock Shaft Oil Plug Screw Washer (fiber)   |



List of Parts for Machine No. 281-21

| No.         |   | Name   |
|-------------|---|--|
| 147037      | 2 | Feed Lifting Rock Shaft Oil Wick (short)   |
| 147038      |   | Feed Lifting Rock Shaft Oil Wick (long)  |
| 147039      |   | Feed Lifting Rock Shaft Oil Wick   |
| 147047      |   | Feed Lifting Rock Shaft Oil Wick Clamping Plate  |
| 197(805)    |   | Feed Lifting Rock Shaft Oil Wick Clamping Plate Screw  |
| 147359      |   | Feed Rock Shaft Nos. 197(805), 140359(805), 143236,<br>147039, 147046, 147047 and two 147045 |
| 146933      |   | Feed Rock Shaft Bushing (back)   |
| 447(830)    |   | Feed Rock Shaft Bushing (back) Set Screw   |
| 147043      |   | Feed Rock Shaft Bushing (front)  |
| 447(830)    |   | Feed Rock Shaft Bushing (front) Set Screw  |
| 147029      |   | Feed Rock Shaft Collar with two 460(830)   |
| 460(830)    | 2 | Feed Rock Shaft Collar Set Screw   |
| 143049      |   | Feed Rock Shaft Connecting Rod   |
| 140230(803) |   | Feed Rock Shaft Connecting Rod Hinge Screw   |
| 1518(809)   |   | Feed Rock Shaft Connecting Rod Hinge Screw Nut   |
| 146099      |   | Feed Rock Shaft Crank with 140228(830)   |
| 140228(830) |   | Feed Rock Shaft Crank Clamping Screw   |
| 140359(805) |   | Feed Rock Shaft Oil Plug Screw   |
| 143236      |   | Feed Rock Shaft Oil Plug Screw Washer (fiber)  |
| 147045      | 2 | Feed Rock Shaft Oil Wick (short)   |
| 147046      |   | Feed Rock Shaft Oil Wick (long)  |
| 147039      |   | Feed Rock Shaft Oil Wick   |
| 147047      |   | Feed Rock Shaft Oil Wick Clamping Plate  |

List of Parts for Machine No. 281-21

| No.         |    | Name  |
|-------------|----|---|
| 197(805)    |    | Feed Rock Shaft Oil Wick Clamping Plate Screw   |
| 50190(819)  |    | Guide Thumb Screw   |
| 147139      |    | Machine Pulley small rim diam. (disc power) "V" belt groove 2.9 in. diam. with two 51283(830) |
|             |    | Note: No. 147139 is regularly furnished.  |
| 51283(830)  | 2  | Machine Pulley Set Screw  |
| 147140      |    | Machine Pulley large rim diam. (disc power) "V" belt groove 2.9 in. diam. with two 51283(830) |
| 149168      |    | Needle Bar (hollow) with 140239(830)  |
| 143336      |    | Needle Bar Bushing (lower)  |
| 1133(805)   |    | Needle Bar Bushing (lower) Set Screw  |
| 52171       |    | Needle Bar Bushing (lower) Thread Eyelet  |
| 143324      |    | Needle Bar Bushing (upper)  |
| 1133(805)   |    | Needle Bar Bushing (upper) Set Screw  |
| 147492      |    | Needle Bar Connecting Link  |
| 147050      |    | Needle Bar Connecting Link 147492 with 143326 (for Agents only)                               |
| 140231(803) |    | Needle Bar Connecting Link Cap Screw  |
| 143056      | 18 | Needle Bar Connecting Link Roller Bearing   |
| 143326      |    | Needle Bar Connecting Stud with 140706(803)   |
| 140706(803) |    | Needle Bar Connecting Stud Clamping Screw   |
| 147053      |    | Needle Bar Connecting Stud Oil Wick   |
| 143058      |    | Needle Bar Connecting Stud Slide Block  |
| 140542(830) |    | Needle Bar Crank Position Screw   |
| 143196      |    | Needle Bar Oil Wick   |

List of Parts for Machine No. 281-21

| No.         |   | Name   |
|-------------|---|--|
| 140239(830) |   | Needle Set Screw   |
| 143176      | 2 | Number Plate Rivet   |
| 146591      |   | Oil Flow Body  |
| 143061      | 2 | Oil Flow Body Gasket   |
| 143062      |   | Oil Flow Window  |
| 143063      |   | Oil Flow Window Cap  |
| 50257(809)  | 4 | Oil Flow Window Cap Screw  |
| 143370      | 4 | Oil Lead   |
| 51369(805)  |   | Oil Lead Screw   |
| 143064      |   | Oil Pipe   |
| 147360      |   | Oil Pipe for oiling Rotating Hook Shaft (front) Bearing  |
| 143065      |   | Oil Pipe Clamping Sleeve   |
| 143066      |   | Oil Pipe Clamping Sleeve Nut   |
| 147106      |   | Oil Pipe complete from Oil Pump to Arm Shaft (horizontal)<br>Center Bearing, Nos. 143064, 143065 and 143066<br>(for Agents only) |
| 147361      |   | Oil Pipe 147360 with 143124 for oiling Rotating Hook Shaft<br>Front Bearing (for Agents only)                                    |
| 143124      |   | Oil Pipe Clamping Sleeve   |
| 143125      |   | Oil Pipe Clamping Sleeve Nut   |
| 143126      |   | Oil Pipe Clamping Sleeve Nut Adaptor   |
| 143070      |   | Oil Pump (centrifugal) Body with 143126  |
| 143071      | 2 | Oil Pump (centrifugal) Body Position Pin   |
| 157(805)    | 2 | Oil Pump (centrifugal) Body Screw (rear and left)  |
| 149135      |   | Oil Pump (centrifugal) Body Screw and Magnet Holder  |

List of Parts for Machine No. 281-21

| No.         | Name  |
|-------------|---|
| 143072      | Oil Pump (centrifugal) Cover  |
| 143073      | Oil Pump (centrifugal) Impeller   |
| 50123(805)  | Oil Pump (centrifugal) Impeller Locking Screw   |
| 143074      | Oil Pump (centrifugal) Screen   |
| 143075      | Oil Pump (centrifugal) Screen Frame   |
| 189(805)    | 4 Oil Pump (centrifugal) Screen Frame Screw   |
| 147107      | Oil Removing Wick (head end)  |
| 146745      | Oil Removing Wick (head end) Holder Body  |
| 147108      | Oil Removing Wick (head end) Holder Body 146745 with<br>146698 and 147107 (for Agents only)   |
| 140553(805) | Oil Removing Wick (head end) Holder Body Hinge Screw  |
| 146698      | Oil Removing Wick (head end) Holder Body Spring   |
| 149205      | Oil Removing Wick (head end) Hinge Plate and Cover  |
| 147055      | Oil Removing Wick (head end) Hinge Plate and Cover<br>Gasket  |
| 197(819)    | 4 Oil Removing Wick (head end) Hinge Plate and Cover Screw  |
| 149206      | Oil Removing Wick (head end) Holder Body complete, Nos.<br>140553(805), 146698, 146745, 147055, 147107 and<br>149205                              |
| 147141      | 2 Oil Wick 11 in. long for oiling Take-up Lever, Take-up<br>Lever Link, Needle Bar Connecting Link and Thread<br>Take-up Lever Link Hinge Bearing |
| 147143      | Oil Wick Holder with two 147141   |
| 140232(809) | Oil Wick Holder Screw   |
| 143295      | Pair of Gears for Lower Shaft, Nos. 143014 and 143081<br>(for Agents only)  |

List of Parts for Machine No. 281-21

| No.        | Name   |
|------------|--|
| 147476     | Pair of Gears for Upper Shaft, Nos. 143015 and 147473<br>(for Agents only)               |
| 149139     | Presser Bar (hollow)   |
| 147058     | Presser Bar Bushing (lower)  |
|            | Note: No. 143184 is used in place of No. 147058 when<br>using Quilter or Finger Guards . |
| 149227     | Presser Bar Bushing (lower) Washer   |
| 1133(805)  | Presser Bar Bushing (lower) Set Screw  |
| 149140     | Presser Bar Guide Bracket with 50203(830)  |
| 50203(830) | Presser Bar Guide Bracket Clamping Screw   |
| 147060     | Presser Bar Lifter   |
| 69(850)    | Presser Bar Lifter Hinge Screw   |
| 147372     | Presser Bar Lifting Bracket  |
| 149213     | Presser Bar Lifting Lever with 448(830)  |
| 143108     | Presser Bar Lifting Lever Connecting Rod   |
| 1611(819)  | Presser Bar Lifting Lever Connecting Rod Nut   |
| 1611(819)  | Presser Bar Lifting Lever Connecting Rod Lock Nut  |
| 143191     | Presser Bar Lifting Lever Connecting Rod Oil Mist<br>Retaining Disc (felt)               |
| 143109     | Presser Bar Lifting Lever Connecting Rod Swivel  |
| 802(819)   | Presser Bar Lifting Lever Hinge Screw  |
| 147373     | Presser Bar Lifting Lever Link   |
| 147062     | Presser Bar Lifting Lever Pin  |
| 448(830)   | Presser Bar Lifting Lever Pin Set Screw  |
| 146610     | Presser Bar Lifting Lever Spring   |

List of Parts for Machine No. 281-21

| No.             | Name   |
|-----------------|--|
| 147291          | Presser Bar Spring   |
| 2070            | Presser Bar Spring Washer  |
| 62527           | Presser Foot Hinge Pin   |
| 161065          | Presser Foot Plate   |
| 62926           | Presser Foot Shank   |
| (161160) 161160 | Presser Foot Spring  |
| 161066          | Presser Foot (spring hinged) complete, Nos. 62527,<br>62926, 161065 and 161160         |
| 50190(809)      | Presser Foot Thumb Screw   |
| 147091          | Pressure Regulating Thumb Screw and Presser Bar Guide                                  |
| 51614(809)      | Pressure Regulating Thumb Screw Lock Nut   |
| 149141          | Rotating Hook (Air Cooled) with 143301 and two 1253(830)                               |
| 149142          | Rotating Hook (Air Cooled) 149141 with 143351, 149066<br>and four 1053(805)            |
| 149143          | Rotating Hook (Air Cooled) 149142 with 143346, 149065<br>and three 1367(805)           |
| 149145          | Rotating Hook (Air Cooled) 149143 with 149065 and three<br>1367(805) (for Agents only) |
| 149146          | Rotating Hook (Air Cooled) 149143 with 149063  |
| 270010          | Rotating Hook Bobbin   |
| 149060          | Rotating Hook Bobbin Case  |
| 149061          | Rotating Hook Bobbin Case 149060 with 591(806), 1380(805)<br>and 40394                 |
| 40392           | Rotating Hook Bobbin Case Latch  |
| 125320          | Rotating Hook Bobbin Case Latch Lever  |
| 2974            | Rotating Hook Bobbin Case Latch Fulcrum Pin  |

List of Parts for Machine No. 281-21

| No.                             | Name  |
|---------------------------------|---|
| 2975                            | Rotating Hook Bobbin Case Latch Spring  |
| 592(805)                        | Rotating Hook Bobbin Case Latch Stop Screw  |
| 40393                           | Rotating Hook Bobbin Case Latch Hinge, Nos. 2974, 40392 and 125320 (for Agents only)    |
| 591(806)                        | Rotating Hook Bobbin Case Tension Regulating Screw                                      |
| 40394                           | Rotating Hook Bobbin Case Tension Spring  |
| 1380(805)                       | Rotating Hook Bobbin Case Tension Spring Screw  |
| 149063                          | Rotating Hook Bobbin Case complete, Nos. 592(805), 2974, 2975, 40392, 125320 and 149061 |
| 143346                          | Rotating Hook Bobbin Case Holder  |
| <sup>1491 ✓ ✓</sup><br>(147475) | Rotating Hook Bobbin Case Holder Position Bracket                                       |
| 704(809)                        | Rotating Hook Bobbin Case Holder Position Bracket Screw                                 |
| 140551(803)                     | Rotating Hook Oil Flow Regulating Thumb Screw   |
| 143383                          | Rotating Hook Oil Flow Regulating Thumb Screw Spring                                    |
| 233(805)                        | Rotating Hook Oil Flow Regulating Thumb Screw Spring Screw                              |
| 143301                          | Rotating Hook Oil Wick (felt)   |
| 149065                          | Rotating Hook Section   |
| 1367(805) 3                     | Rotating Hook Section Screw   |
| 1253(830) 2                     | Rotating Hook Set Screw   |
| 149169                          | Rotating Hook Shaft with 149153   |
| 149171                          | Rotating Hook Shaft 149169 with 147131  |
| 143081                          | Rotating Hook Shaft Bevel Gear (left hand spiral)with two 1259(830)                     |

Note: To ensure proper functioning of Gears, No. 143081 will not be supplied separately to Agencies, but will be substituted by Pair of Gears No. 143295.

List of Parts for Machine No. 281-21

| No.         |   | Name   |
|-------------|---|--|
| 1259(830)   | 2 | Rotating Hook Shaft Bevel Gear Set Screw                           |
| 143082      |   | Rotating Hook Shaft Bushing (back)                                 |
| 140259(830) |   | Rotating Hook Shaft Bushing (back) Set Screw                       |
| 149150      |   | Rotating Hook Shaft Bushing (front)                                |
| 1285(830)   |   | Rotating Hook Shaft Bushing (front) Set Screw                      |
| 149152      |   | Rotating Hook Shaft Oil Filter Wick                                |
| 143349      |   | Rotating Hook Shaft Oil Filter Wick Holder                         |
| 149153      |   | Rotating Hook Shaft Oil Filter complete, Nos. 143349<br>and 149152 |
| 147131      |   | Rotating Hook Shaft Oil Retaining Collar with two 50429(830)       |
| 50429(830)  | 2 | Rotating Hook Shaft Oil Retaining Collar Set Screw                 |
| 149066      |   | Rotating Hook Thread Guard   |
| 1053(805)   | 4 | Rotating Hook Thread Guard Screw                                   |
| 143351      |   | Rotating Hook Wiper  |
| 147166      |   | Slack Thread Regulator   |
| 190(805)    |   | Slack Thread Regulator Screw                                       |
| 147092      |   | Stitch Length Indicator Plate                                      |
| 402(819)    |   | Stitch Length Indicator Plate Screw                                |
| 143085      |   | Stitch Regulator   |
| 143134      |   | Stitch Regulator 143085 with 140549(805), 143086 and<br>143378     |
| 143086      |   | Stitch Regulator Locking Slide                                     |
| 143087      |   | Stitch Regulator Locking Slide Ratchet Wheel                       |
| 143088      |   | Stitch Regulator Locking Slide Ratchet Wheel Pin                   |



List of Parts for Machine No. 281-21

| No.         | Name  |
|-------------|---|
| 143378      | Stitch Regulator Locking Slide Spring   |
| 140549(805) | Stitch Regulator Locking Slide Spring Screw   |
| 2102        | 2 Tension Disc  |
| 1560(803)   | Tension Regulating Thumb Nut  |
| 1560(803)   | Tension Regulating Thumb Nut Lock Nut   |
| 147151      | Tension Releasing Disc  |
| 147159      | Tension Releasing Lever Body  |
| 147160      | Tension Releasing Lever (adjustable) 147159 with<br>50123(819) and 147161 (for Agents only)         |
| 50123(819)  | Tension Releasing Lever (adjustable) Screw  |
| 147161      | Tension Releasing Lever Segment   |
| 12398       | Tension Releasing Lever Hinge Pin   |
| 12329       | Tension Releasing Lever Spring  |
| 32574       | Tension Releasing Pin   |
| 147152      | Tension Spring  |
| 140873(803) | Tension Stud  |
| 147292      | Tension Stud 140873(803) with two 1560(803)   |
| 50305(803)  | Tension Stud Set Screw  |
| 147293      | Tension complete, Nos. 32574, 52083, 52394, 147151,<br>147152, 147292 and two 2102                  |
| 149154      | Thread Eyelet and Thread Guard (front of arm)   |
| 52454       | Thread Retainer   |
| 624(830)    | Thread Retainer Set Screw   |
| 149155      | Thread Take-up Crank with Thread Take-up Lever with<br>149160 and eighteen 143056 (for Agents only) |

List of Parts for Machine No. 281-21

| No.         | Name  |
|-------------|---|
| 149156      | Thread Take-up Crank and Thread Take-up Lever with 143058, 143326, 149160 and eighteen 143056           |
| 149157      | Thread Take-up Crank and Thread Take-up Lever complete, Nos. 92440, 147075 and 149156 (for Agents only) |
| 140609(830) | Thread Take-up Crank Clamping Screw   |
| 147070      | Thread Take-up Crank Clamping Screw Hole Plug Gasket  |
| 140610(819) | Thread Take-up Crank Clamping Screw Hole Plug Screw   |
| 1036(830)   | Thread Take-up Crank Set Screw  |
| 149160      | Thread Take-up Crank Wearing Plate  |
| 1034(806)   | Thread Take-up Crank Wearing Plate Collar Set Screw   |
| 149161      | Thread Take-up Lever Guard  |
| 147077      | Thread Take-up Lever Guard Gasket   |
| 152(819)    | Thread Take-up Lever Guard and Thread Eyelet and Thread Guard Screw (front of arm)                      |
| 152(819)    | Thread Take-up Lever Guard Screw  |
| 147073      | Thread Take-up Lever Link Hinge Stud  |
| 147074      | Thread Take-up Lever Link Hinge Stud Oil Wick   |
| 435(830)    | Thread Take-up Lever Link Hinge Stud Set Screw  |
| 147075      | Thread Take-up Lever Link Hinge Stud 147073 with 147074   |
| 92440       | Thread Take-up Lever Link Hinge Stud Clip   |
| 147296      | Thread Take-up Lever Oil Guard with 143196 and 147053   |
| 217(805)    | Thread Take-up Lever Oil Guard Screw  |
| 143056      | 18 Thread Take-up Lever Roller Bearing  |
| 147079      | Thread Take-up Lever Thread Eyelet Bushing  |

List of Parts for Machine No. 281-21

| No.                     | Name  |
|-------------------------|---|
| 52394                   | Thread Take-up Spring   |
| 52083                   | Thread Take-up Spring Regulator with 50305(803)                 |
| 448(830)                | Thread Take-up Spring Regulator Set Screw                       |
| 147158                  | Throat Plate (small needle hole) with guide lines for<br>149057 |
| 691(850)                | Throat Plate Screw  |
| 143176                  | 2 Trade Mark Rivet  |
| Cat. No. 1361<br>(88x9) | Needle  |

ACCESSORIES

| No.                     |   | Name  |
|-------------------------|---|---|
| 270010                  | 2 | Bobbin  |
| 25878                   | 4 | Guide   |
| 143308                  | 4 | Machine Base and Oil Reservoir Cushion              |
| 12361                   | 2 | Machine Hinge Connection                            |
| 41400                   |   | Machine Rest Pin (wood)                             |
| Cat. No. 1361<br>(88x9) | 6 | Needle  |
| 121741                  |   | One Quart Can filled with light grade stainless oil |
| 228476                  |   | Screw Driver  |
| 120440                  |   | Screw Driver with 120441                            |
| 120441                  |   | Screw Driver Blade                                  |
| 120089                  |   | Screw Driver Ferrule                                |
| 259477                  |   | Screw Driver 5 in. long                             |
| 146057                  |   | Wrench (socket) for 140609(830)                     |
| 8908                    |   | Wrench  |
| 11140                   |   | Wrench  |

Note: Wrenches, Nos. 8908, 11140 and 146057 are not regularly furnished.

BOBBIN WINDER NO. 259462

|             |  |                              |
|-------------|--|------------------------------|
| 259428      |  | Brake (leather)              |
| 259429      |  | Brake Clamp                  |
| 200113(806) |  | Brake Clamp Screw            |
| 225453      |  | Frame with 202277 and 259660 |
| 225454      |  | Frame Hinge Pin              |

BOBBIN WINDER NO. 259462 (Cont'd)

| No.         | Name  |
|-------------|---|
| 202277      | Frame Oil Packing (wick)  |
| 259660      | Frame Oil Well Washer   |
| 225455      | Frame Spring  |
| 225456      | Frame Spring Plunger  |
| 259930      | Pulley with 457(830)  |
| 457(830)    | Pulley Set Screw  |
| 225381      | Spindle   |
| 225444      | Stop Latch  |
| 200056(805) | Stop Latch Screw  |
| 225458      | Stop Latch Thumb Lever  |
| 225459      | Stop Latch Thumb Lever Hinge Stud   |
| 225459      | Stop Latch Thumb Lever Joint Stud   |
| 202478      | Stop Latch Trip Lever   |
| 200299(819) | Stop Latch Trip Lever Hinge Screw   |
| 225461      | Tension Bracket with 201499(819)  |
| 200082(804) | Tension Bracket Screw   |
| 228026      | Tension Bracket Screw Washer  |
| 2102        | 2 Tension Disc  |
| 13710       | Tension Spring  |
| 201499(819) | Tension Stud  |
| 201572(819) | Tension Stud Thumb Nut  |
| 225462      | Bobbin Winder Tension Bracket complete, Nos. 13710,<br>201572(819), 225461 and two 2102 |

BOBBIN WINDER NO. 259462 (Cont'd)

| No.    | Name   |
|--------|--|
| 259662 | Bobbin Winder and Tension Bracket Base   |
| 259462 | Bobbin Winder complete, Nos. 200056(805), 200082(804), 200113(806), 200299(819), 202478, 225381, 225444, 225453, 225454, 225455, 225456, 225458, 225462, 228026, 259428, 259429, 259662, 259930, two each 225459 and wood screws 3/4 in. No. 12 R. H. B. |

KNEE LIFTER

|             |  |
|-------------|--|
| 147480      | Bell Crank Plunger   |
| 143280      | Rock Shaft   |
| 147481      | Rock Shaft 143280 with 147482, 147483 and 147485             |
| 147482      | Rock Shaft Crank with 140351(830) and 143282                 |
| 140350(803) | Rock Shaft Adjusting Screw                                   |
| 143282      | Rock Shaft Crank Adjusting Screw 140350(803) with 51649(809) |
| 51649(809)  | Rock Shaft Crank Adjusting Screw Lock Nut                    |
| 140351(830) | Rock Shaft Crank Clamping Screw                              |
| 147487      | Rock Shaft Knee Arm  |
| 147489      | Rock Shaft Knee Arm Hub with 140351(830) and 140737(869)     |
| 140351(830) | Rock Shaft Knee Arm Hub Clamping Screw                       |
| 140737(869) | Rock Shaft Knee Arm Set Screw                                |
| 147488      | Rock Shaft Knee Arm complete, Nos. 2767, 147487 and 147489   |
| 2767        | Rock Shaft Knee Arm Plate with 356(803)                      |
| 356(803)    | Rock Shaft Knee Arm Plate Set Screw                          |
| 147485      | Rock Shaft Spring  |

KNEE LIFTER (Cont'd)

| No.         | Name  |
|-------------|---|
| 147483      | Rock Shaft Stop Dog with 140351(830)        |
| 140351(830) | Rock Shaft Stop Dog Clamping Screw          |
| 147484      | Rock Shaft complete, Nos. 147481 and 147488 |

MACHINE BASE and OIL RESERVOIR

|             |  |
|-------------|--|
| 147367      | Machine Base and Oil Reservoir   |
| 147368      | Machine Base and Oil Reservoir Gasket (cork)   |
| 50741(805)  | Machine and Machine Base and Oil Reservoir Screw<br>(for shipping purposes)  |
| 140343(805) | Machine and Machine Base and Oil Reservoir Screw Hole<br>Plug Screw  |
| 149122      | Machine Base and Oil Reservoir (small) with Knee Lifter<br>Rock Shaft, Nos. 50741(805), 143280, 147367, 147368,<br>147480, 147482, 147483 and 147485 |